Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 30 Jan 2021 until 23:59 on Sunday 31 Jan 2021

Forecast Issued on Saturday 30 Jan 2021 at 01:29

Confidence: High for overall developments, becoming medium from Monday, but lower confidence for amounts of snow over the weekend.

Headline for Saturday 30 Jan 2021: Mostly cloudy with perhaps a little snow for a time in the morning. Dry and bright in afternoon. Cold.

Mountain weather hazards on Saturday 30 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Clear night	Partly cloudy (night)
Precipitation probability					
20%	30%	10%	<05%	<05%	<05%

Forecast for Saturday 30 Jan 2021

Weather: A cloudy morning with perhaps the odd snow shower. Mainly dry and becoming brighter in the afternoon with cloud gradually lifting and breaking. Clear spells in evening with a sharp frost and icy conditions.

Chance of cloud free mountain/hill tops above 600m: 60%, with areas of cloud down to 600m in the morning, but cloud base lowering in any snow showers. Improving to 70% in afternoon and 90% in evening as cloud lifts and breaks.

Visibility: Generally good, but poor or very poor in any snow showers, or in low cloud covering hills, mainly in the morning.

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Mountain Weather Forecast

Forecast for Saturday 30 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/37 E	28/38 E	26/36 E	23/33 E	19/29 E	16/26 E	12/20 E
300	16/36 E	16/35 E	17/35 E	14/30 E	12/29 E	9/25 E	6/18 E
Valley	7/26 E	12/31 E	16/33 E	13/29 E	10/26 NE	9/25 NE	6/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-2/-11	-2/-10	-1/-9	-2/-10	-2/-9	-2/-8
300	1/-5	1/-5	2/-4	2/-4	-0/-5	-1/-6	-1/-5
Valley	2/-1	2/-2	3/-2	3/-1	1/-3	0/-4	-0/-3
Freezing Level*	300m	200m	300m	200m	100m	100m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant chill should be expected at even lower levels

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 30 Jan 2021	1.4mm	32.2mm	35.4mm

Forecast for Sunday 31 Jan 2021

Weather: Dry, cold, but sunny start, but sunshine turning hazy during the morning as high cloud spreads over the area. High cloud thickening in the afternoon but staying dry and reasonably bright.

Maximum wind: East or southeast 15 mph increasing 20 gust 30mph in morning, but decreasing 10-15mph later

Chance of cloud free mountain/hill tops above 600m: 90% with only very patchy cloud over the tops.

Visibility: Good or very good.

Temperature: **Valleys:** Minus 4 C becoming plus 1 C
At 600m: Minus 3 C
Freezing level: All levels

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